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1 Proceedings of the 2000 ACM/IEEE conference on Supercomputing

Jed Donnelley

November 2000 **Supercomputing '00:** Proceedings of the 2000 ACM/IEEE Supercomputing (CDROM)

Publisher: IEEE Computer Society

Additional Information: full citation, index terms

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatic

2 Dynamic multi-process information flow tracking for web application

Susanta Nanda, Lap-Chung Lam, Tzi-cker Chiueh

November 2007 **MC '07:** Proceedings of the 2007 ACM/IFIP/USENIX interna Middleware companion

Publisher: ACM

Full text available: Pdf (490.78 KB) Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 232, Citatic

Although there is a large body of research on detection and prevention attacks as buffer overflow, integer overflow, and format string attacks, problem receives relatively less attention from the ...

Keywords: SQL injection, cross-site scripting, dynamic checking compi taint analysis, web application security

3 Plugging Haskell in

André Pang, Don Stewart, Sean Seefried, Manuel M. T. Chakravarty

September 2004 **Haskell '04:** Proceedings of the 2004 ACM SIGPLAN works

Publisher: ACM Request Permissions

Full text available: Pdf (153.19 KB) Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 57, Citation

Extension languages enable users to expand the functionality of an appl source code. Commonly, these languages are dynamically typed langua domain-specific languages, which support runtime *plugins* ...

Keywords: dynamic loading, dynamic typing, extension languages, fun staged type inference

4

Memory safety without garbage collection for embedded applications
Dinakar Dhurjati, Sumant Kowshik, Vikram Adve, Chris Lattner
February 2005 **Transactions on Embedded Computing Systems (TECS)**
Publisher: ACM Request Permissions
Full text available: Pdf (511.25 KB) Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 78, Citation

Traditional approaches to enforcing memory safety of programs rely hea memory accesses and on garbage collection, both of which are unattrac applications. The goal of our work is to develop advanced compiler ...

Keywords: Embedded systems, automatic pool allocation, compilers, p region management, security, static analysis

5 HydroJ: object-oriented pattern matching for evolvable distributed sy
Keunwoo Lee, Anthony LaMarca, Craig Chambers
November 2003 **OOPSLA '03:** Proceedings of the 18th annual ACM SIGPLAN oriented programing, systems, languages, and applications
Publisher: ACM Request Permissions
Full text available: Pdf (311.06 KB) Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 49, Citation

In an evolving software system, components must be able to change in compatible with their peers. One obstacle to independent evolution is th the ability of two components to communicate can ...

Keywords: HydroJ, XML, distributed systems, dynamic dispatch, object pattern matching, semi-structured data, software evolution, ubiquitous

Also published in:
November 2003 **SIGPLAN Notices** Volume 38 Issue 11

6 Region-based memory management in cyclone
Dan Grossman, Greg Morrisett, Trevor Jim, Michael Hicks, Yanling Wang, J
June 2002 **PLDI '02:** Proceedings of the ACM SIGPLAN 2002 Conference c design and implementation
Publisher: ACM Request Permissions
Full text available: Pdf (249.21 KB) Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 77, Citation

Cyclone is a type-safe programming language derived from C. The prim to let programmers control data representation and memory manageme safety. In this paper, we focus on the region-based memory ...

Also published in:
May 2002 **SIGPLAN Notices** Volume 37 Issue 5

7 Calling variadic functions from a strongly-typed language
Matthias Blume, Michael Rainey, John Reppy

September 2008 **ML '08:** Proceedings of the 2008 ACM SIGPLAN workshop
Publisher: ACM Request Permissions
Full text available: Pdf (273.70 KB) Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 29, Citation

The importance of providing a mechanism to call C functions from high- understood for many years and, these days, almost all statically-typed l implementations provide such a mechanism. One glaring omission, ...

Keywords: compilers, foreign-function interfaces, interpreters

8 Evolving a language in and for the real world: C++ 1991-2006
Bjarne Stroustrup
June 2007 **HOPL III:** Proceedings of the third ACM SIGPLAN conference o languages
Publisher: ACM Request Permissions
Full text available: Mov (60:46 MIN), Pdf (838.10 KB) Additional Information: full cita abstrac

Bibliometrics: Downloads (6 Weeks): 60, Downloads (12 Months): 694, Citatic

This paper outlines the history of the C++ programming language from standardization (1991), through the 1998 ISO standard, to the later sta that standard (2006). The emphasis is on the ideals, constraints, ...

Keywords: C++, ISO, STL, evolution, history, language use, libraries, programming language, standardization

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